

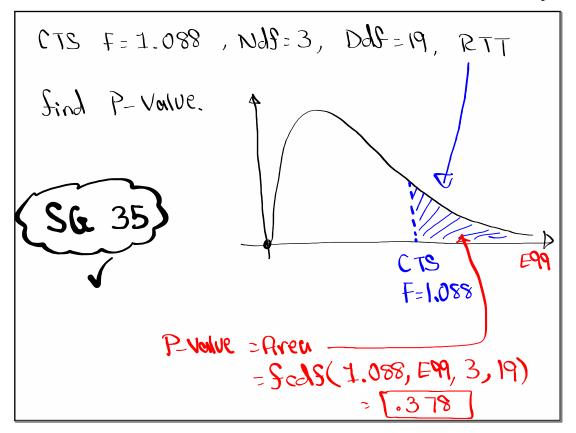
Feb 19-8:47 AM

Comparing at least 3 Pop. Means:  
Ho: 
$$M_1 = M_2 = M_3 = \dots = M_K$$
  
H: At least one mean is different. RTT  
K - P # of Samples K-1 = NdS  
R - P Total Sample Size \* R-K = Ddf  
Store each Sample into a list.  
CTS F => PNOVA(L1, L2, L3, ...  
P- Value P  
P-Value Method:  
P-Value > a =>Ho invalid, H1 invalid  
P-Value  $\leq \alpha \Rightarrow$  Ho invalid, H1 valid  
Final Conclusion must be about claim.  
Reject the claim OR FTR the  
claim

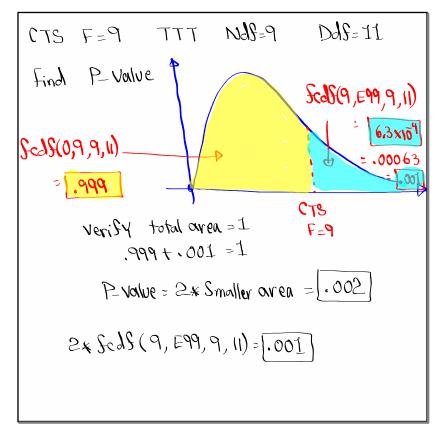
chart below shows ages of students from
3 different colleges:
ELAC   Mt. SAC   Chaffey
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
18 25 20 18 19 25 20 24
20 24 1 26 19
K=3 n=8+7+6=21 Ddf=n-K=18
$\sum_{k=1}^{\infty} \sum_{k=1}^{\infty} \sum_{k$
1=84146=21 1001=11-11-11
use $\alpha = .1$ to test the claim that all
Pop. means are equal.
$H_{o}: M_{1} = M_{2} = M_{3}$ claim
H1: At least one mean is different. RTT
ELAC ->>L1, Mt.SAC ->>L2, Chaffey ->>L3
STAT TESTS ANOVA(11,12,13 Enter
CTS F= ,009 P-Value>a Valid Claim
P-value P= .991 Ho Vallid, H1 invalid FTR the claim

May 23-7:23 AM

I randomly Selected exams from four different
Chasses:     L2     L3     L4       Morning     ASternoon     Eventing     Online       72     85     70     88     78     86     90     92       90     100     92     98     94     90     88     78     100       80     65     60     100     95
Clear all lists, Store these Scores in L1, L2, L3, and L4 K=4 NdS=K-1=3
n = 5 + 5 + 5 + 8 = 23 $DdF = n - K = 19Use \alpha = .01 to test the claim that all pop.means are the Same.H_0: M_1 = M_2: M_3: M_4 claim$
Hj: At least one Pop. mean is different. RTT ANOVA (LI, L2, L3, L4) CTS F = 1.058 P-value > a H1 involid .378 .01 Valid Claim FTR the Claim



May 23-7:48 AM



May 23-7:59 AM